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Tue Feb 12 09:56:00 2002 [BLASTP 2.2.1 [Jul-12-2001], NCBI]
/home/ruby/va/Molbio/carpenda/tempids/pl.DNA82340 (242 aa)
/home/ruby/va/Molbio/carpenda/tempids/pl.DNA82340

Sequences producing High-scoring Segment Pairs:	Score	Match	Pct	E-val
1 P_AAB87593 Human PRO1926 - Homo sapiens.	1242	242	100	e-135
2 P_AAB97078 Human hARP-20kDs protein - Homo sapiens.	1242	242	100	e-135
3 P_AAM23598 Human EST encoded protein SEQ ID NO: 1123	1242	242	100	e-135
4 P_AAU29217 Human PRO polypeptide sequence #194 - Hom	1242	242	100	e-135
5 P_AAB34724 Human secreted protein encoded by DNA clo	1242	242	100	e-135
6 CAB96539.1 hypothetical protein - Homo sapiens	1242	242	100	e-135
7 CAC01611.1 putative role in cell signaling - Homo sa	1242	242	100	e-135
8 AAG44477.1 HT022 - Homo sapiens	1242	242	100	e-135
9 NP_064539.14 chromosome 11 hypothetical protein ORF3 -	1242	242	100	e-135
10 AAH12456.1 Unknown (protein for IMAGE:3882530) - Hom	1198	234	100	e-130

Dayhoff Protein Database (Rel 78, Mar 2004)

P_AAB87593 Human PRO1926 - Homo sapiens.

Length: 242 aa

Accession: P_AAB87593;

Species: Homo sapiens.

Keywords: Human; PRO protein; mapping; patent; GENESEQ patentdb.

Patent number: WO200116318-A2.

Publication date: 08-MAR-2001.

Filing date: 24-AUG-2000; 2000WO-US023328.

Priority: 01-SEP-1999; 99WO-US020111. 15-SEP-1999; 99WO-US021090.

07-DEC-1999; 99US-0169495P. 09-DEC-1999; 99US-0170262P.

11-JAN-2000; 2000US-0175481P. 18-FEB-2000; 2000WO-US004341.

18-FEB-2000; 2000WO-US004342. 22-FEB-2000; 2000WO-US004414.

01-MAR-2000; 2000WO-US005601. 03-MAR-2000; 2000US-0187202P.

21-MAR-2000; 2000US-0191007P. 30-MAR-2000; 2000WO-US008439.

25-APR-2000; 2000US-0199397P. 22-MAY-2000; 2000WO-US014042.

05-JUN-2000; 2000US-0209832P.

Assignee: (GETH) GENENTECH INC.

Inventors: Eaton DL, Filvaroff E, Gerritsen ME, Goddard A, Godowski PJ;

Grimaldi CJ, Gurney AL, Watanabe CK, Wood WI;

Cross reference: WPI; 2001-183260/18. N-PSDB; AAF92125.

Title: Eighty four nucleic acids encoding PRO polypeptides, useful in molecular biology, including use as hybridization probes, and in chromosome and gene mapping.

Patent format: Claim 12; Fig 136; 278pp; English.

Comment: The present sequence is a human PRO polypeptide (secreted and transmembrane). The PRO protein, and PRO agonists, PRO antagonists or anti-PRO antibodies are useful for preparation of a medicament useful in the treatment of a condition which is responsive to the PRO protein, agonists, antagonists or anti-PRO antibodies. The PRO protein may also be employed as molecular weight markers for protein electrophoresis. The PRO coding sequence has applications in molecular biology, including use as hybridisation probes, and in chromosome and gene mapping

Database: GENESEQ patent database (v200420, 23-SEP-2004).

P_AAB97078 Human hARP-20kDs protein - Homo sapiens.

Length: 242 aa

Accession: P_AAB97078;

Species: Homo sapiens.
Keywords: Human; actin associated protein compound subunit protein;
hARP-20kDs; hypothalamus; patent; GENESEQ patentdb.
Patent number: CN1281040-A.
Publication date: 24-JAN-2001.
Filing date: 27-JUN-2000; 2000CN-00116787.
Priority: 27-JUN-2000; 2000CN-00116787.
Assignee: (NANF-) NANFANG RES CENT STATE HUMAN GENE GROUP.
Inventors: Xu X, Qian B, Yang Y;
Cross reference: WPI; 2001-282650/30. N-PSDB; AAH24361.
Title: New human actin associated protein compound subunit protein, its
coding sequence and preparing and detecting the protein and nucleic
acid.
Patent format: Claim 2; Page 17; 18pp; Chinese.
Comment: The present sequence is provided in a specification relating to a
new human actin associated protein compound subunit protein
(hARP)-20kDs expressed in human hypothalamus and its coding
sequence. The process for preparing the protein and its nucleic
acid sequence and the method for detecting hARP-20kDs nucleic acid
sequence and polypeptide are also disclosed
Database: GENESEQ patent database (v200420, 23-SEP-2004).

P_AAM23598 Human EST encoded protein SEQ ID NO: 1123 - Homo sapiens.
Length: 242 aa
Accession: P_AAM23598;
Species: Homo sapiens.
Keywords: Human; sheep; pig; cow; fruit fly; yeast; hamster; macaque;
horse; tomato; monkey; dog; sea urchin; expressed sequence tag;
EST; diagnostics; forensic test; gene mapping; genetic disorder;
biodiversity; gene therapy; nutrition; patent; GENESEQ patentdb.
Patent number: WO200154477-A2.
Publication date: 02-AUG-2001.
Filing date: 25-JAN-2001; 2001WO-US002687.
Priority: 25-JAN-2000; 2000US-00491404. 17-JUL-2000; 2000US-00617746.
03-AUG-2000; 2000US-00631451. 15-SEP-2000; 2000US-00663870.
Assignee: (HYSE-) HYSEQ INC.
Inventors: Tang YT, Liu C, Zhou P, Qian XB, Wang Z, Chen R, Asundi V; Cao
Y, Drmanac RA, Zhang J, Werhman T;
Cross reference: WPI; 2001-476164/51. N-PSDB; AAH98257.
Title: Isolated polypeptide for treatment of diseases, diagnostics, raising
antibodies and research use.
Patent format: Claim 20; Page 834-835; 1275pp; English.
Comment: The present invention provides the protein and coding sequences of
novel proteins from a variety of organisms, including human, dog,
cat, horse, cow, pig, hamster, monkey, macaque, yeast, bacteria,
fruit fly, sea urchin and tomato. These were derived from expressed
sequence tags (ESTs) from the organism of interest. They can be
used in diagnostics, forensics, gene mapping, identification of
mutations, to assess biodiversity and for nutritional purposes. The
present sequence is a protein of the invention
Database: GENESEQ patent database (v200420, 23-SEP-2004).

P_AAU29217 Human PRO polypeptide sequence #194 - Homo sapiens.
Length: 242 aa
Accession: P_AAU29217;
Species: Homo sapiens.
Keywords: PRO polypeptide; mammal; tumour; cancer; human; cattle; horse;

sheep; dog; cat; pig; goat; rabbit; tumour necrosis factor alpha; TNF-alpha; blood; chondrocyte cell; cell proliferation; cell differentiation; colon; adrenal; lung; breast; prostate; rectum; cervix; liver; genetic disorder; patent; GENESEQ patentdb.

Patent number: WO200168848-A2.

Publication date: 20-SEP-2001.

Filing date: 28-FEB-2001; 2001WO-US006520.

Priority: 01-MAR-2000; 2000WO-US005601. 02-MAR-2000; 2000WO-US005841.

03-MAR-2000; 2000US-0187202P. 01-DEC-2000; 2000WO-US032678.

20-DEC-2000; 2000WO-US034956. plus 36 more dates.

Assignee: (GETH) GENENTECH INC.

Inventors: Baker KP, Chen J, Desnoyers L, Goddard A, Godowski PJ, Gurney

AL; Pan J, Smith V, Watanabe CK, Wood WI, Zhang Z;

Cross reference: WPI; 2001-602746/68. N-PSDB; AAS46118.

Title: Novel nucleic acids encoding PRO polypeptides, used to diagnose the presence of tumors, such as prostate and breast tumors, in mammals and to screen for modulators of the compounds.

Patent format: Claim 11; Fig 388; 774pp; English.

Comment: Sequences AAU29024-AAU29328 represent PRO polypeptides of the invention. The PRO polypeptides and their associated nucleic acids can be used to detect the presence of a tumour in a mammal by comparing the level of expression of a PRO polypeptide in a test sample of cells from the animal and a control sample of normal cells, whereby a higher level of expression in the test sample indicates the presence of a tumour in the mammal. Mammals include dogs, cats, cattle, horses, sheep, pigs, goats and rabbits but are preferably human. The polypeptides can be used to stimulate tumour necrosis factor (TNF) alpha release from human blood, when contacted with it. A specific polypeptide can be used to stimulate the proliferation or differentiation of chondrocyte cells. The PRO proteins can be used to determine the presence of tumours and also susceptibility to tumour development, particularly adrenal, lung, colon, breast, prostate, rectal, cervical, or liver tumours, in mammalian subjects. The oligonucleotide probes specific for the PRO nucleic acids can be used for genetic analysis of individuals with genetic disorders

Database: GENESEQ patent database (v200420, 23-SEP-2004).

P_AAB34724 Human secreted protein encoded by DNA clone vo25 1 - Homo sapiens.

Length: 242 aa

Accession: P_AAB34724;

Species: Homo sapiens.

Keywords: Secreted protein; human; autoimmune disorder; multiple sclerosis; ulcer; systemic lupus erythematosus; rheumatoid arthritis; anaemia; stroke; haematopoiesis regulation; tissue regrowth; wound healing; haemophilia; Alzheimer's disease; Parkinson's disease; Shy-drager syndrome; cancer; contraceptive; infection; growth inhibition; hyperproliferative disorder; psoriasis; patent; GENESEQ patentdb.

Patent number: WO200055375-A1.

Publication date: 21-SEP-2000.

Filing date: 17-MAR-2000; 2000WO-US007285.

Priority: 17-MAR-1999; 99US-0124808P. 17-MAR-1999; 99US-0124916P.

17-AUG-1999; 99US-0149639P. 01-OCT-1999; 99US-0157247P.

29-NOV-1999; 99US-0167824P. 15-FEB-2000; 2000US-0182711P.

Assignee: (ALPH-) ALPHAGENE INC.

Inventors: Valenzuela D, Yuan O, Hoffman H, Hall J, Rapiejko P;

Cross reference: WPI; 2000-638211/61. N-PSDB; AAC59825.

Title: Novel proteins and polypeptides useful for the treatment of e.g multiple sclerosis, systemic lupus erythmatosus, rheumatoid arthritis, cancer, Alzheimer's disease, Parkinson's disease, stroke, anemia and ulcers.

Patent format: Claim 84; Page 437-438; 493pp; English.

Comment: This invention relates to 59 human secreted proteins and the nucleotide sequences encoding them. Sequences AAC59788-C59846 and AAB34687-B34745 represent the proteins and their encoding nucleotide sequences, and sequences AAB34746-B34771 represent fragments of the proteins. Probes for the DNA sequences are represented by sequences AAC59847-C59596. The proteins exhibit neuroprotective, dermatological, immunosuppressive, antiinflammatory, antianaemic, nootropic, antiparkinsonian, cerebroprotective, haemostatic, vulnerary, cytostatic, antipsoriatic, antibacterial, virucide, and fungicide activity. The proteins and nucleotide sequences are useful as nutritional sources or supplements and in research. The proteins are useful for treating immune deficiency and disorders, which may be genetic or resulting from infections, autoimmune disorders such as multiple sclerosis, systemic lupus erythmatosus, rheumatoid arthritis, and for treating myeloid or lymphoid cell deficiencies such as anaemias by regulating haematopoiesis. The proteins are also useful in compositions for bone, cartilage, tendon, ligament and/or nerve tissue growth or regeneration, for wound healing, tissue repair and replacement and in the treatment of wounds, incisions and ulcers. Other uses include in the treatment of central and peripheral nervous system and neuropathies such as Alzheimer's and Parkinson's diseases and Shy-Drager syndrome, and mechanical and traumatic disorders, such as spinal cord disorders, head trauma and stroke. The proteins may also be used as a contraceptive, and for treating coagulation disorders such as haemophilias. The protein and nucleotide sequences with cadherin activity are useful for treating cancer. Other uses for the protein include for inhibiting the growth, infection or function of, or killing, infectious agents such as bacteria, virus, fungi and other parasites, for effecting bodily characteristics such as height, weight, hair colour, effecting biorhythms or cardiac cycles or rhythms, effecting metabolism, catabolism, anabolism, processing, utilization, storage or elimination of dietary fat, lipid, protein, carbohydrate, vitamins, minerals, cofactors, effecting behavioural characteristics, providing analgesic effects and for treating hyperproliferative disorders such as psoriasis

Database: GENESEQ patent database (v200420, 23-SEP-2004).

CAB96539 hypothetical protein /pid=CAB96539.1 - Homo sapiens

Length: 242 aa

Species: Homo sapiens (human)

O'Brien, K.P., Submitted (15-OCT-1999) O'Brien K.P., Molecular Medicine, Karolinska Institute, CMM L8:00 Karolinska Hospital Stockholm Sweden, S-171 76, Sweden Title: Direct Submission

Gene: ORF3

Locus: HSA250344

Accession: AJ250344

Cross-references: TrEMBL:Q9NPA0; CAB96539.1; HSA250344_1

Database: GBTRANS

CAC01611 putative role in cell signaling /pid=CAC01611.1 - Homo sapiens
Length: 242 aa
Species: Homo sapiens (human)
Ievolella, C., Submitted (11-AUG-1999) Ievolella C., CRIBI Biotechnology
Centre, Universita' di Padova, via G. Colombo 3, 35121, ITALY
Title: Direct Submission
Locus: HSA245874
Accession: AJ245874
Cross-references: TrEMBL:Q9NPA0; CAC01611.1; HSA245874_1
Database: GBTRANS

AAG44477 HT022 /pid=AAG44477.1 - Homo sapiens
Length: 242 aa
Species: Homo sapiens (human)
Xu, X., Yang, Y., Gao, G., Xiao, H., Chen, Z. and Han, Z., Submitted (08-MAR-2000)
Chinese National Human Genome Center at Shanghai, 351 Guo Shoujing
Road, Zhangjiang Hi-Tech Park, Pudong, Shanghai 201203, People's
Republic of China Title: Direct Submission
Locus: AF242729
Accession: AF242729
Cross-references: GI:12005495; AAG44477.1; AF242729_1
Database: GBTRANS

NP_064539 chromosome 15 open reading frame 24 /pid=NP_064539.1 - Homo
sapiens
Length: 242 aa
Species: Homo sapiens (human)
O'Brien, K.P., Tapia-Paez, I., Stahle-Backdahl, M., Kedra, D. and Dumanski, J.P.,
Biochem. Biophys. Res. Commun. 273 (1), 90-94 (2000) Title:
Characterization of five novel human genes in the 11q13-q22 region
Gene: C15orf24
Locus: NM_020154
Accession: NM_020154
Cross-references: LocusID:56851; NP_064539.1; NM_020154_1
Database: REFSEQ

AAH12456 C15orf24 protein /pid=AAH12456.1 - Homo sapiens
Length: 234 aa
Species: Homo sapiens (human)
Strausberg, R., Submitted (15-AUG-2001) National Institutes of Health,
Mammalian Gene Collection (MGC), Cancer Genomics Office, National
Cancer Institute, 31 Center Drive, Room 11A03, Bethesda, MD
20892-2590, USA Title: Direct Submission
Gene: C15orf24
Locus: BC012456
Accession: BC012456
Cross-references: LocusID:56851; AAH12456.1; BC012456_1
Database: GBTRANS